The DX Bulletin

• *America's Oldest Weekly Amateur Radio Publication* •

Issue 394 - July 3, 1987

DXpedition News

Tunisia - 3V Craig Maxey WB7FRA will operate as 3V8FRA October 19-27, including CQWW SSB. He'll be on 80-10 meters running the maximum 100 watts from the town of Nabelu. His conversations with the Tunisian PTT confirms the fact that there are no legitimate 3V amateurs at this time. Thus the recent activity by 3V8AQ was bogus. The DX Bulletin will have more details of Craig's trip to Tunisia before October.

Thailand - HS In addition to the continuing activity from the weekend station HSØB, and the contest operations from the Asian Institute of Technology station HSØA, a group of Japanese amateurs will activate HSØC July 23-26, under the banner of UNICEF. Operators include JA8ATG, JH3GAH, and JH1DLJ. They'll be on 80-10, and 160 and 6 meters if they can get permission, using a beam and amplifier. QSL with SAE and IRCs to JA8ATG, P O Box 3, Yakumo 049, Japan. Donations toward a UNICEF club station in Nepal would be appreciated. Sunrise 2300Z, sunset 1145Z.

Mt. Athos - SV/A The DX Bulletin has received copies of Robert Reed SVØBV's 1985 Mt. Athos documentation. Nikos SVØDK and others hope to operate from Mt. Athos later this year.

Andorra - C3 Another Andorran DXpedition was cut short, due to potential TVI in the mountainous country. KV4AM stopped operating as C3ØLEF and left Andorra after a very short stay when his promised TV-less location high on the mountain turned out to be down in a steep valley next to a low-power TV repeater. Mac has some details about potential operating spots for other Andorra-bound DXpeditioners.

Minami Torishima - JD Rick 7J1ACH left the island at 0500Z on June 26th, after making more than 21,000 QSOs! He was on the air as late as 0430Z. After a vacation, his next post is in Puerto Rico.

Afghanistan - YA UA6JD relays the official word from Russia's Central Radio Club on YAs: Nyet! No operations now, and none possible, despite efforts by many Russian amateurs. Forget YA for now.

Islands On The Air

- Sumarto YBØSY will operate as YE9X from Irian Island (OC-34) July 11-12, for the IARU Radiosport contest. QSL this and his YE9Z operation from Bali Island during All Asian SSB to YCØSY, Box 4770, Jakarta 10001, Indonesia.
- Max I2DMK will be on from Stromboli Island (EU-17) July 25-August 27, 160-10 meters, CW and SSB, adding /ID9.
- Max F6AXP will be on from Ré Island (EU-32) now through July 27, as FV7NDX/Ré. F6EDW will be there July 4-18.
- TV6CAS is on Hodic Island (EU-48) until July 6. QSL via FD1LBA.
- TV6YGS July 13-24 on Noirmoutier Island (EU-64) is by a group of Swiss DXers.
- FY9IS from Salut Island (SA-20) July 13-14.
- GB8SI from Shiant Island (no IOTA number) will be on July 13-18.

Shortly Noted

- A92BE hangs out on 14155-61 02-0400Z.
- OD5SM likes 14183-218 02-0400Z. Mail service into and out of Beirut is sporadic; please be patient with QSL requests.
- Bert 5AØA wrapped up his Libya operation with lots of 80 meter activity, but no takers! He was heard calling CQ on 3506 for close to an hour, with few QSOs.
- SP5EXA/JW has been very active on 20 CW, especially around 14025. See Bandpass.
- The H25 stations, including YU1FW/H25, are on Cyprus. The H25 prefix confuses DXers, and their calls often go answered.
- YZ prefixes celebrate the student sports games, Universiade 87, now through the end of August. YZ9OH was YU2OH.
- ZL8HV in the Kermadecs has been in Jim Smith's VK9NS net on 14220 at 0400Z.

— **Chod Harris VP2ML Editor**

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PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
July		Date	Flux	A	K	Date	Flux	A	K
3	Disturbed	6/6	74	20/40	3	5/9	86	05/07	1
4	High/Low	6/7	74	07/11	3	5/10	88	12/14	3
5	High/Low	6/8	75	05/09	3	5/11	85	06/06	2
6	High Nor	6/9	75	05/07	0	5/12	84	02/05	0
7	High Nor	6/10	76	05/10	2	5/13	86	07/10	2
8	High Nor	6/11	78	12/13	3	5/14	89	10/13	3
9	Above Nor	6/12	80	12/17	3	5/15	92	06/08	2
10	Above Nor	6/13	80	10/13	2	5/16	96	05/07	1
11	Above Nor	6/14	78	07/11	1	5/17	95	04/07	1
12	Above Nor	6/15	78	06/02	1	5/18	95	03/06	1
13	High Nor	6/16	79	06/14	2	5/19	98	04/07	1

Thanks N4XX and KH6BZF

(Predictions based on 55 day recurrence.)

Propagation Watch

We continue to enjoy periods of excellent band conditions, as new sunspot groups roll across the surface of the sun. Starting June 20, Region 4819 kept solar flux levels from sliding back below 80, which in turn keeps 20 meters open well past sunset. If this region survives its trip around the back of the sun (something not all sunspot groups at this stage of the cycle) we can expect better conditions in mid-July, maybe in time for the IARU Radiosport contest July 11-12. Solar flux might climb into the mid-80s, enough to open 15 meters as well as providing good long-haul paths on 20.

Despite the above forecast, which is based on 55 day data, band conditions during the first 10 days of July are expected to be average, with flux in the mid-70s. Fortunately, absorption continues to be very low, for the most part, so multi-hop DX hangs in there.

Many reporters mention the good 10 meter openings into Europe from the East Coast, a sure sign things are picking up. Meanwhile the continued low absorption means that 80 and 160 meters are still open, with some summer static. A good beverage system helps during all but the worst of the noise. Rick Rosen says that 80 meters is often open into east Africa during mid-summer, but few stations are on the air at either end of the path. He also suggests checking the polar path into Russia and Asia when the solar flux gets into the 90s, and the forecast for the K index is 0-2. With enough flux to keep the ionosphere refracting well past sunset, and low absorption over the pole, 80 opens into Asia. Try it.

EQUIPMENT NOTES

Dear TDXB:

I recently purchased some software for packet radio and I wanted to share some information about it with your readers. I know that packet has little to do with DX, but there are packet DX bulletins boards springing up around the country. [More about these soon. -ed.]

The software I mentioned comes from Kalt & Associates in Anchorage, Alaska. I didn't think they had electricity in most parts of KL7-land, much less computers. I was very mistaken, and got a pleasant surprise to boot.

The program I purchased is called "DIGIPAC I" and is a modem or communications program made especially for packet radio. It arrived in just a few days complete with a clear, well-written manual. Some of the features of the program include audible alarms, multi-screens (split screen, recall screen, etc.), and the ability to set up macro files. There are many more features too numerous to mention here.

The real beauty of this program is the ability to customize it to your own individual needs. It has a file called digipac.ini that is an ASCII file. Therefore it can be edited with a text editor such as EDLIN or the non-document mode of word processors. The file is used to initialize the program and allows all your custom options to run automatically.

I feel that I definitely got my money's worth with this program, as it costs only $29.95. It run on an IBM PC or most of the clones, and requires 256K memory. It will work with virtually any packet controller, and will work with your telephone modem as well.

For more information, contact Kalt & Associates, 2440 East Tudor Road, Suite 138, Anchorage, AK 99507 (907) 248-0133.

It is too rare today to get a really good product at a reasonable price. My thanks to Kalt & Associates and to The DX Bulletin for the chance to sound off about it.

- Bill Miner WG6H

The 1987 Most Wanted Survey

Have you filled out and returned your 1987 The DX Bulletin Most Wanted survey yet? Please do so today.

The 1987 survey will feature the most dramatic reshuffling of the Top Twenty in several years. Seldom are so many of the Most Wanted Countries on the air in so short a period of time as early 1987. Some of the countries that will be moving well down the list are:

Andamans - VU7A, #5 last year. With the 30,000+ DXpedition by VU2RBI and friends, this one will drop way down in demand.

Libya - 5A The fine operation of 5A0A, which recently ended, should knock this one far down from its #9 ranking last year, plus the bonus of the DXCC acceptance of an earlier operation will help still more.

United Arab Emirates - A6 will descend from its #12 position last year, but not as far as many would hope. A61AA and A61AB have been only sporadically active, and many will still need this one in 1987.

Mt. Athos - SV/A will also drop from its #14 position, thanks to the DXCC acceptance of Frank Turek DL7FT's operations of the past two years. Many still lack a Mt. Athos QSO, however, so let's hope that the rumors from Greece of a DXpedition to Athos later this year are accurate.

Glorioso - FR/G The DXpedition early this year should help to lower need for this difficult island below the #20 level of 1986. But again, many will still be looking for Glorioso in the future.

The best chances of countries rising to take the places of those falling out of the Top Twenty in 1987 are:

Mozambique C9 #21 last year will be way up there in 1987, as will Niger 5U, #22 last year. The Laccadives VU7L and Ethiopia ET will probably also hit Top Twenty status in '87.

The Top Ten will most likely include: Albania, South Yemen, Bouvet, Burma, Vietnam, Afghanistan, North Yemen, Laos, Bangladesh, and South Sandwich.

In the Good News category, Peter I Island will not be among the Most Wanted this year. The very fine 3Y1EE and 3Y2GV DXpedition satisfied many of the active DXers who read The DX Bulletin, and most have already received their cards. A quick look through the early returns shows most DXers have not checked box 83.

Fill in and mail your survey today! -ed.

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----

9M2SS	14097	1351	17	CA
CT3AB	14093	0025	21	CA
DU1AUJ	14085	1010	21	CA
LA5QCA	14087	1647	22	CA
OD5NG	14095	0315	23	CA
UA0Y/ UZ9FWA	14085	1252	23	CA
V85DU	14085	1021	21	CA
V85HG	14100	1025	21	CA
VS6UP	14071	1437	23	CA
VU2SJV	14086	1533	21	CA
XX9DN	14078	1531	18	CA
YB2BGZ	14092	1350	17	CA
YB5NOF	14082	1455	19	CA

-----160 Meters-----

LU5HJD	1833	1017	12	WA
PY3CEQ	1845	0354	12	WA
VK2RS/3	1833	1143	11	WA
VK5BC	1831	1144	7	WA

-----80 Meters-----

5A0A	3507	0238	13	MA
5A0A	3506	0315	26	NH
FP4CJ	3793	0135	21	MA

-----40 Meters-----

9J2BO	7022	0500	14	MA
9L1GG	7010	0715	14	VA
BY4RN	7009	1121	22	ID
CP6IB	7002	1113	4	AL
DU1CK	7002	1148	16	OR
FK8FN	7001	1134	24	CA
FR5ES	7010	1350	23	CA
FT8WA *	7008	1305	20	ID
HI3JEI	7011	1013	23	FL
HL2IKY	7005	1415	26	CA
PZ1DV	7003	1012	23	FL
VK1BB	7009	1014	23	FL
VS6UO	7009	1310	20	ID
ZL7TZ	7006	0957	24	FL

-----30 Meters-----

LZ2OD	10104	0203	18	CT
RB5WW	10106	0142	18	CT
UQ2PM	10104	0211	18	CT
ZL1AQ	10103	1121	13	CT

-----20 Meters-----

1Z9A	14226	1449	18	MT
3B8CF	14030	0420	13	MA
3B8CF	14035	0330	17	MO
3C1MB	14236	0114	22	MA
3C1MB	14245	2033	28	VA
3D2ER	14023	0418	21	MT
3D2JO	14220	0345	15	VA
3D2JO	14220	0606	18	MT
3D2JO	14220	0511	26	CA
4N0UNI	14016	0256	21	IL
4S7EA	14002	1328	16	OR
4S7RO	14174	1435	14	OR
4S7RO	14181	1519	18	MT
4X6GS	14202	0355	17	CA
4X6TT	14200	2251	18	MT
4Z4DX	14001	0355	17	MT
5B4SA	14201	0111	26	MA
5B4TI	14183	0140	16	CA
5H3ZO	14025	0330	19	MO
5T5NU	14227	0021	26	CA
8Q7TT	14025	1646	21	CA
9K2DT	14266	2235	15	VA
9K2KW	14225	2141	25	CA
9K2YA	14210	1744	18	MT
9M2CW	14187	1517	18	MT
9M2CW	14185	1330	20	CA
9M2GH	14180	1320	17	CA
9N1MM	14200	0050	18	CA
9V1TL	14022	1513	15	OR
9Y/J6LAD	14014	0145	26	FL
A4XKA	14192	0239	19	IL
A4XKB	14167	0245	18	MO
A4XKB	14192	0240	19	IL
A4XKC	14237	0305	16	MO
A71BG	14195	0255	16	MO
AH2BM	14220	1211	19	MN
AP2ZA	14171	0323	12	OR
BV2B	14220	1350	22	NY
BV2DA	14004	1511	16	OR
BV2FA	14201	1415	18	MT
BV2FA	14223	1451	18	MT
BY7KT	14012	1440	15	OR
C21DD	14003	0600	17	MT
C31LBB	14019	2023	18	MT
C31OF	14204	2300	18	MT
CE0GHO	14213	0035	26	MA
CE6HIY	14046	2305	25	FL
DU9RG	14183	1212	18	MN
DV3YL/9	14183	1238	18	MN
EA9NF	14029	0055	13	OR
ED9EXP	14004	2233	18	MT
EX3TM	14192	0108	21	MA
FK0AT	14024	0540	14	MA
FK0AV	14020	0521	21	MN
FK0AV	14020	0452	26	CA
FK0AW	14184	0415	13	MO
FK0BA	14015	0430	21	MT
FK0BH	14015	0440	21	ID
FK8FS	14008	0520	21	MN
FO5FO	14026	0402	22	CA
FO5JL	14009	0130	12	OR
FO5JL	14010	0315	19	MO
FT8WA	14004	0557	17	MT
FT8WA	14005	1158	18	AL
FY4EE	14014	2200	21	FL
GD4BEG	14019	0520	15	VA
H25/ YU1FW	14167	0224	20	IL
H25SA	14202	2154	18	MT
H44DL	14180	1226	13	CT
H44DL	14243	0700	14	VA
H44JA	14210	0618	18	MT
HI7KB	14025	0400	17	MT
HI8LC	14026	1127	27	FL
HK0BKX	14014	1259	19	NY
HL9AW	14018	1115	27	FL
HL9CU	14200	1228	18	MN
HS0B	14205	2305	12	MA
HS0B	14220	1443	20	CA
HS0B	14175	1259	21	IL
HZ1AB	14179	0025	18	VA
HZ1AB	14196	0245	19	IL
HZ1AB	14032	2309	25	FL
HZ1AB	14181	0103	26	MA
J39BS	14012	0244	21	MT
J88BI	14005	2139	25	FL
JD1/ JR2FOE	14045	1207	10	AL
JT1BG	14178	1631	24	CA
JW/ SP5EXA	14003	0134	14	OR
JW/ SP5EXA	14025	0440	14	MO
JW/ SP5EXA	14014	1254	18	OR
JW/ SP5EXA	14027	1542	21	MN
KG4SL	14027	2347	21	FL
KH2A	14209	0145	12	OR
KH2D	14309	0232	17	NY
KH3/ KL7LF	14003	1211	18	AL
KH3/NH6D	14188	0518	20	MN
KH3/NH6D	14032	0409	17	MT
KH9AT	14028	0406	18	MT
KX6AZ	14295	0730	14	VA
KX6BU	14295	0730	14	VA
KX6QR	14197	1221	21	MN
KX6VU	14207	0517	20	MN
LX5ORL	14197	1338	21	IL
OA4AX	14197	0040	22	MA
OD5AS	14019	0131	25	FL
OD5AS	14173	2200	19	VA
OD5FB	14177	0040	21	NJ
OD5YZ	14209	0130	16	CA
OY7ML	14218	0344	17	MO
P43SF	14026	2355	10	AL
P43SF	14002	1246	11	AL
PJ7JC	14004	1310	19	NY
PZ2AC	14015	2155	23	FL
RF0FWW	14173	0057	24	MA
RH/RA1QA	14177	0158	20	IL
SV0DK	14226	1634	16	OR
SV0DO	14183	0139	24	CA
SV0FE	14197	0455	22	CA
SV0FE	14164	0101	26	MA
SV1DO	14025	0150	26	FL
SV1JG	14198	0350	23	CA
SV5OX	14019	0426	19	MT
SV8CS	14010	0056	12	OR
T32BF	14229	0424	22	CA
T32BF	14226	1659	21	NY
T32BF	14189	0128	22	CA
TA1A	14178	0303	22	MN
TK5EL	14025	2159	23	FL
UA0Q/ UA0UBB	14006	2132	23	FL
UA0Y/ UZ9FWA	14019	2212	25	CA
UA0YO	14006	1542	16	OR
UA1OT	14020	1503	21	CA
UA1OT	14197	0305	22	MN
UA1OT	14226	1709	23	CA
UA1OT	14227	1655	24	CA
UA1OT	14201	0049	29	CA
UD6DJ	14030	2232	26	FL
UH8CA	14010	0130	16	OR
UH8HAI	14030	0231	11	AL
UI8AHA	14030	1436	12	OR
UI8AHU	14021	0226	11	AL
UI8ZAA	14172	0054	24	MA
UJ8AH	14021	1548	16	OR
UJ8BQ	14025	0228	11	AL
UJ9JWA	14049	0307	11	AL
UL7JA	14023	1554	16	OR
UL7Q/ UM8MBX	14011	1442	15	OR
UL7VAD	14047	0147	14	OR
UL8CWW	14027	0210	19	IL
UL8GBV	14008	0121	27	FL
UL8LYA	14185	0248	21	IL
UO4OR	14021	0329	19	IL
UO4OR	14017	0305	24	CA
UP1BWW	14232	0505	22	CA
UP1BYC	14211	1707	24	CA
V2AO	14243	0159	22	CA
V47KXA	14040	1033	18	AL
V47KXA	14010	1105	27	FL
V85HG	14190	1213	18	MN
VK0GC	14220	0410	13	MO
VK0GC	14215	0523	25	CA
VK0GC	14309	0326	26	CA
VK9ND	14180	0514	17	MN
VK9ND	14183	0629	18	MT
VK9ND	14180	0600	19	CA
VK9YD	14197	1500	23	CA
VP2MDY	14025	2204	21	FL
VS6DO	14005	1250	18	NY
VS6DO	14176	1328	21	IL
VU2ARC	14033	1443	12	OR
VU2DVP	14168	1520	21	CA
VU2RBI	14164	0150	14	MO
VU2RCK	14018	0054	27	FL
VU2TJW	14027	0215	23	MN
VU2XX	14190	0130	15	MA
VU2XX	14198	1510	18	MT
YI1BGD	14183	1937	18	CA
YK/ OE8HFL	14215	0355	17	MA
YN3CC	14005	0006	26	MA
YO8CF	14033	0401	22	CA
YZ7AA	14170	0155	22	CA
YZ9OH	14074	2144	18	FL
Z24JS *	14030	1242	19	AL
ZL7AA	14220	0454	22	MN
ZL8HV	14175	0354	14	MO
ZL8HV	14220	0458	22	MN
ZL8HV	14220	0513	23	NY
ZP5XDK	14180	0200	21	CA

-----15 Meters-----

5T5RA	21315	2048	22	CA
C31NP	21014	2346	18	AL
CE0FFD	21024	2236	16	AL
EA6XN	21017	2158	25	FL
EA8AGF	21017	2129	23	FL
F5IN	21010	1620	18	MT
FG5XC	21010	2204	23	FL
FK8FN	21019	0403	13	MO
HH2SD	21340	2105	22	CA
HZ1AB	21010	2155	25	FL
KP2N	21020	2007	27	FL
RA2FD	21013	2142	21	FL
SV1PL	21015	2144	25	FL
T77C	21024	2100	22	CA
UR2ROG	21009	2259	18	AL
VK9NS	21295	0351	17	MO
VP2EZ	21340	2115	22	CA

-----10 Meters-----

4U1ITU	28547	2220	15	NJ
9Q5NW	28553	1700	20	NJ
CU2DG	28506	1350	20	NJ
EA8BML	28505	1015	20	NJ
EA9IB	28495	2120	18	NJ
FP8AA	28024	2346	9	AL
G3MXJ	28028	2235	17	AL
IS0CPU	28580	1230	20	NJ
TV7MTN	28536	1210	20	NJ

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

When you work at station from information in Bandpass, say you saw his call in The DX Bulletin.

Please take a moment to complete and return your The DX Bulletin Most Wanted survey today. Thanks. -ed.

The DX Bulletin
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APO MIAMI FL 34021

CALENDAR

Issue 394 - July 3, 1987

(Changes and hot info in boldface.)

Algeria - 7X	7X2LS 20 SSB 01-03Z	I389
Andorra - C3	C33A August 5-31	I384
Bahrain - A9	A92BE 14150+ 02-04Z	I394
Calf of Man Is GD	July 4-6 all bands	I392
Christmas - T32	T32BF 14178 02-04Z	I386
China - BY	14025-30 0030-0200Z	I378
Corsica - TK	HB9TL Jul 15-Aug 8	I391
Crete - SV9	by DLs Jun 25-Jul 15	I391
Crozet - FT8W	FT8WA 14236 0400Z	I389
Easter Is - CE0	CE0GHO YL 14220 23-0200Z weekends	I388
Eq. Guinea - 3C	July 10-19 on CW	I389
	3C1MB 14245 or 14007 after 2300Z	I391
Faroes - OY	OY7ML 20 M CW 07-08Z	I392
	G3MCN G3TZO 7-13 Jul	I393
Fernando - PY0F	Early July 5-10 days	I392
Fiji - 3D	3D2JO 14220 0500Z	I394
Franz Josef	UA1OT 14227 1600Z	I394
Johnston Is - KH3	KL7LF, NH6D 20 0400Z	I394
Juan Fernandez	CE0 by G3CWI soon?	I393
Kermadec - ZL8	ZL8HV 14195 0400Z	I393
	14220 at 0400Z	I394
Kuwait - 9K	9K2DZ 14200 01-0400Z	I389
	14220 at 0400Z	I389
Lebanon - OD	OD5SM 20 SSB 02-04Z	I394
Macquarie - VK0	VK0GC 14309 0300Z	I389
	1831/2 0900Z Monday	I388
	VK0ML 10 up CW 06Z	I390
Madeira - CT3	DL4BBO Jul 24-Aug 13	I391
Malagasy - 5R	5R8JD by TU2NP	I393
Marshall Is - KX	lots; see Bandpass	I394
Mayotte - FH	FH8CB 14212 0030Z	I392
Mongolia - JT	JT1BG 14178 1630Z	I394
Montserrat -VP2M	VP2MM, MIU Jul 4-10	I391
Nauru - C2	C21XX 7163 06-0700Z	I393
Nepal - 9N	9N1MM 14236 at 0130Z	I384
	and 0030Z Wed.	I388
	9N1MC 14200 09-1300Z	I385
Oman - A4	A4XKA-C 20 SSB 02Z+	I394
Qatar - A7	A71BK 20 SSB 02-04Z	I389
Russians - U/R	Lots 0200, 1500Z	I383
St. Vincent - J8	W8KKF July 7-12	I391
Sao Tome - S9	S92LB 14157 1930Z	I390
Saudi Arabia HZ	HZ1AB 20 SSB 02-03Z	I392
Sri Lanka - 4S	4S7RO, EA 01-02Z or 15-1600Z 20 SSB	I388
Svalbard - JW	SP5EXA/JW Now-Aug	I394
Syria - YK	OE8HFL/YK 14215 04Z	I393
Taiwan - BV	20 M 14-1500Z	I394
Thailand - HS	HS0A in contests, HS0B weekends	I371
	HS0C July 23-26	I394
Tunisia - 3V	3V8FRA Oct 17-27	I394
United Arab Em	A61AB 14243 1500Z	I387
	14250 0400Z net	I390
	14226 at 2130Z	I393
W. Malaysia - 9M2	Many 9M2 14-2600Z	I386
Zaire - 9Q	9Q5NW 14175 1900Z	I392
Zone 23	BY0AA 14014 0030-0130	

DX Activities and Contests

Date	Event or Activity	Info
July 11-12	IARU Radiosport	QST
July 25-26	Northwest DX Conv.	I388
July 26	Eastern IA DX Dinner	W0IZ
Oct. 10-11	DXPO 87 Atlanta GA	WB4ZNH
Oct. 10	New England DXCC	W1EED

Contributors

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